



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,189	03/31/2004	Kiyoshi Miyazaki	52293/DBP/A400	9273
23363	7590	05/04/2005		
CHRISTIE, PARKER & HALE, LLP PO BOX 7068 PASADENA, CA 91109-7068			EXAMINER KRAWCZEWICZ MYERS, LOUANNE C	
			ART UNIT	PAPER NUMBER
			1661	

DATE MAILED: 05/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/815,189	Applicant(s) MIYAZAKI, KIYOSHI	
	Examiner Louanne C. Krawczewicz Myers	Art Unit 1661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on papers filed 3/31, 8/16, and 10/12/04.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 is/~~are~~ pending in the application.
- 4a) Of the above claim(s) _____ is/~~are~~ withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/~~are~~ allowed.
- 6) ☒ Claim(s) 1 is/~~are~~ rejected.
- 7) ☐ Claim(s) _____ is/~~are~~ objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 March 2004 is/~~are~~: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/31 and 8/16/04.</u> | 6) <input type="checkbox"/> Other: _____ |

Z. C. Myers

DETAILED ACTION

Objection to the Drawing

The following is a quotation of section (a) of 37 CFR 1.165:

(a) Plant patent drawings are not mechanical drawings and should be artistically and competently executed. Figure numbers and reference characters need not be employed unless required by the Examiner. The drawing must disclose all the distinctive characteristics of the plant capable of visual reproduction.

The submitted photographic illustrations filed March 31, 2004 are objected to under 35 CFR 1.165(a) and (b). By way of explanation, the photographic illustrations should not be mounted (37 CFR 1.84(e)). The drawings are objected to under 37 CFR 1.165(b) because applicant has not provided copies of the drawing in duplicate. If the drawings are in color, two color copies of each drawing or photograph are required. Correction is required.

The rules for submitting drawings, 37 CFR 1.84 and 37 CFR 1.165, were amended effective November 29, 2000. The USPTO delayed enforcement of these changes until October 1, 2001. Complete details can be found in the May 22, 2001 *Official Gazette* (1246 OG 106-107) or on the Internet at:
<http://www.uspto.gov/web/offices/com/sol/og/2001/week21/patwavr.htm>.

Art Unit: 1661

Objection to the Disclosure

37 CFR 1.163

The following is a quotation of section (a) of 37 CFR 1.163:

(a) The specification must contain as full and complete a disclosure as possible of the plant and the characteristics thereof that distinguish the same over related known varieties, and its antecedents, and must particularly point out where and in what manner the variety of plant has been asexually reproduced. In the case of a newly found plant, the specification must particularly point out the location and character of the area where the plant was discovered.

35 USC 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

As specific to United States Plant Patent applications, the specifics of 37 CFR 1.164

(reproduced below) are controlling:

The claim shall be in formal terms to the new and distinct variety of the specified plant as described and illustrated, and may also recite the principal distinguishing characteristics. More than one claim is not permitted.

Art Unit: 1661

In plant applications filed under 35 U.S.C. 161, the requirements of 35 U.S.C. are limited. The following is a quotation of 35 U.S.C. 162:

No plant patent shall be declared invalid for noncompliance with section 112 of this title if the description is as complete as is reasonably possible. The claim in the specification shall be in formal terms to the plant shown and described.

The disclosure is objected to under 37 CFR 1.163(a) and under 35 U.S.C. 112 first paragraph, because the specification presents less than a full, clear and complete botanical description of the plant and the characteristics which define same per se and which distinguish the plant from related known cultivars and antecedents.

More specifically:

A. Page 1, lines 15 and 16, "Senecio cruentus" should be italicized or underlined.

Correction to the specification and/or clarification is necessary.

B. Page 1, line 16, Applicant states " 'Cineraria' ". It appears Cineraria may be either a common name or a species designation for the instant plant. Correction to the specification and/or clarification is necessary.

- C. Page 1, lines 17, 28 and 35, Applicant states "flowers". It appears --inflorescences—may be the more appropriate botanical term to use in these instances. Correction to the specification and/or clarification is necessary.
- D. Page 1, lines 28 and 35, Applicant states "petals". It appears --ray florets-- may be the more appropriate botanical term to use in these instances. Correction to the specification and/or clarification is necessary.
- E. Page 2, line 16, Applicant states "Plant Pat. No.". It appears that --Plant Patent Number-- would instead be more accurate.
- F. Page 2, lines 30-31, Applicant states that the "new variety is unlike any Senecio commercially available". It appears that --known to the inventor-- should be inserted after "available" since not all varieties of Senecio may be available to Applicant. Correction to the specification and/or clarification is necessary.
- G. Page 2, line 35, Applicant states "flowers". It appears --inflorescences-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

Art Unit: 1661

- H. Page 2, line 36, Applicant states "petals having". It appears --ray florets have-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.
- I. Page 2, line 37, Applicant states "disk". It appears --disc floret-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.
- J. Page 3, line 10, Applicant states "flower". It appears --inflorescence-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.
- K. Page 3, line 28, Applicant states "disk". It appears -- disc floret-- may be the more appropriate botanical terminology to use in this instance. Correction to the specification and/or clarification is necessary.
- L. Page 3, lines 26 and 29, Applicant states "petal". It appears --ray floret-- may be more appropriate botanical terminology to use in these instances. Correction to the specification and/or clarification is necessary.

- M. Page 4, line 17, Applicant states "flowers". It appears –inflorescences--may be more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.
- N. Page 4, lines 31-37, Applicant should set forth in the specification additional information relative to the instant plant's stem/lateral branches including typical and observed length and number of branches per lateral branch.
- O. Page 5, line 8, Applicant states in the specification that the instant plant's "Degree of undulation. – Moderate". This recitation is vague as it is unclear what applicant is intending. Correction to the specification and/or clarification is necessary.
- P. Page 5, lines 3 -19, Applicant should set forth in the specification additional information relative to the instant plant's leaf venation including the pattern and coloration with reference to the employed color chart.
- Q. Page 5, lines 13 and 14, Applicant states "146A (moderate olive green)". When compared with the RHS dictionary of Color, 146A is in the "Yellow-Green" group. Correction to the specification and/or clarification is necessary.

- R. Page 5, lines 15 and 16, Applicant states "138B (grayish yellow green)". When compared with the RHS dictionary of Color, 138B is in the "Green" group. Correction to the specification and/or clarification is necessary.
- S. Page 5, lines 3-19, Applicant should set forth in the specification additional information relative to the instant plant's stipules including the typical and observed number per petiole, length, width, apex, base, margin and coloration (both surfaces) with reference to the observed color chart.
- T. Page 5, lines 11 and 12, Applicant should set forth in the specification additional information relative to the instant plant's petioles including coloration with reference to the employed color chart.
- U. Page 5, lines 20, 21, 22, 23, 24, and 26, Applicant states "flower" or "Flower". It appears --inflorescence—or --Inflorescence-- may be more appropriate botanical term to use in these instances. Correction to the specification and/or clarification is necessary.
- V. Page 5, line 27, Applicant should set forth in the specification additional information with respect to the typical and observed disc floret shape, length,

Art Unit: 1661

diameter, apex, base, and margin descriptors, and coloration for both surfaces with reference to the employed color chart.

W. Page 5, line 31, Applicant states " disk flower". It appears --disc floret-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

X. Page 5, line 28, Applicant sets forth the "petal" color. However, it is uncertain whether the coloration set forth is for the ray floret upper or lower surface or both surfaces. Applicant should set forth in the specification color designations for the ray floret upper and lower surfaces with reference to the employed color chart.

Y. Page 5, lines 28, 33, 34, 35, 36, and 37, Applicant states "petal" or "Petal". It appears --ray floret-- or --Ray floret-- may be the more appropriate botanical term to use in these instances. Correction to the specification and/or clarification is necessary.

Art Unit: 1661

Z. Page 5, lines 33-37, Applicant should set forth in the specification additional information relative to the instant plant's ray florets including the typical and observed ray floret base and margin descriptors and the typical and observed texture.

AA. Page 6, line 1, Applicant states "ray flowers". It appears --ray florets-- may be more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

BB. Page 6, line 2, Applicant states " disk flowers". It appears --disc florets-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary

CC. Page 6, lines 3 and 4, Applicant should set forth in the specification additional information relative to the instant plant's pedicels including coloration with reference to the employed color chart.

DD. Page 6, line 5, Applicant states "flowers" or "flower". It appears

Art Unit: 1661

--inflorescences-- or --inflorescence-- may be more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

EE. Page 6, lines 7-16, Applicant should set forth in the specification additional information relative to the instant plant's bracts including bract margin descriptor and number of bracts per inflorescence.

FF. Page 6, line 15, Applicant sets forth a bract color. However, it is uncertain whether the coloration set forth is for the bract upper or lower surface or both surfaces. Applicant should set forth in the specification color designations for the bract upper and lower surfaces with reference to the employed color chart.

GG. Page 6, lines 21- 23, Applicant should set forth in the specification whether the instant plant produces pollen. If the instant plant produces pollen then applicant should set forth the typical and observed amount of pollen produced, such as scarce, moderate or abundant, and its generic coloration. If no pollen is produced, Applicant should simply state in the specification that no pollen is produced.

HH. Applicant should set forth in the specification additional information relative to the instant plant's inflorescences including number of inflorescences per lateral stem, number of inflorescences per plant, and typical and observed flowering season including the month.

II. Applicants should set forth in the specification the time it takes to produce a flowering plant.

JJ. Applicant should set forth in the specification information relative to the instant plant's buds including hardness, diameter, length, form, surface, and color with reference to the observed color chart.

KK. Applicant should set forth in the specification the lastingness of an individual bloom, on the plant.

LL. Page 8, line 10 of the Abstract, Applicant states "flowers". It appears --inflorescences-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

MM. Page 8, line 11, Applicant states "petals". It appears --ray florets-- may be the more appropriate botanical term to use in this instance. Correction to the specification and/or clarification is necessary.

NN. Applicant should set forth in the specification the location of the androecium and the gynoecium.

The above listing may not be complete. Applicants should carefully review the disclosure and import into same any corrected or additional information which would aid in botanically identifying and/or distinguishing the cultivar for which United States Plant Patent protection is sought.

Claim Rejection

35 U.S.C. 112, 1st and 2nd Paragraphs

Claim 1 is rejected under 35 U.S.C. 112, first and second paragraphs as not being supported by a clear and complete botanical description of the plant for the reasons set forth in the Objection to the Disclosure Section above.

Comments

Due to the amount of revision seen necessary in this application, it is suggested that Applicant file a substitute specification, incorporating all additions, deletions and modifications so as to provide the printer a clean copy at the time of allowance.

Applicant should specifically authorize cancellation of the present specification to the same. Further, a clean copy and marked up copy (showing any addition, deletion, and/or modification) of the substitute specification should be submitted.

Applicant should note the new amendment format. (Web site stated below).

<http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/revamdtprac.htm>

Future Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Louanne C. Krawczewicz Myers whose telephone number is (571) 272-0979. The examiner can normally be reached on Monday and Thursday from 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Wang can be reached on (571) 272-0811. The fax phone numbers for the group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the patent electronic business center whose telephone number is (866)-217-9197 (toll free) or (703) 305-3028 or (703) 308-6845 or email requests to ebc@uspto.gov.

LKM

LKM

**KENT BELL
PRIMARY EXAMINER**

Kent Bell